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10 July 1970

MEMORANDUM FOR THE RECORD

SUBJECT: Signal Processing Review

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1. On 9 July 1970 the DD/S had asked me to begin my review of signal processing activities in a discussion with [REDACTED] AC/OCS/DDS&T. On 10 July [REDACTED] provided me with an extensive review of signal processing activities and identified for me offices which he was aware were involved in some type of signal analysis, signal processing, or signal research.

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2. At the outset [REDACTED] stated that he was a member of the Agency Information Processing Board. He noted that his Board was involved with coordinating and to a degree guiding computer activities related to the receipt, storing and reproducing information. This is considered to be a service to all collectors and users of intelligence information. Throughout the discussion,

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[REDACTED] took pains to separate these general purpose computer activities from the technical signal processing activities. [REDACTED] advised the following Agency components as being the ones involved in signal processing: FI/D/DDP, TSD/DDP, TSSG/NPIC, SP/OC, OSP, ORD, OEL, OCS, and OS. He noted that he was rather fully acquainted with the work of OEL, OSP, and ORD. He was not very familiar with the work of the other offices. He noted that TSSG/NPIC was working on the improvement of signal analysis; that SP/OC was applying itself to a variety of emanation control and signal interpretation studies; that TSD/DDP, and FI/D/DDP were involved in research and signal interpretations and that the Technical Division/OS is at work on signal controls and emanations.

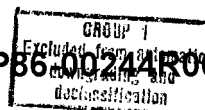
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3. The Scientific Application Division/OCS, has analog and digital computers and a converter ability. These are tied into general purpose computer activities in support of Agency information processing requirements as those generated by the Support Information Processing System (SIPS).

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4. [REDACTED] stated that Ed Proctor, ADDI, was examining signal processing for the DDI and that his report would soon be completed. It was also

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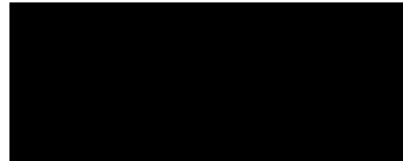
noted that [REDACTED] newly appointed DD/PPB was concerned with this subject and is considering the economics of consolidations in this field.

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[REDACTED] suggested that either [REDACTED] who are the PPB officers participating in signal processing and analysis, would be able to provide me with a more accurate list of offices at work in this field. He added that George Miller, D/OEL would be an excellent person to talk to since his office was at work in both the information and research areas of signal processing.

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5. OCS receives a constant barrage of requests in support of the problems being faced by other offices of the Agency involved in computer work.



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